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#### (54) READER COMMUNICATION WITH CONTACT LENS SENSORS AND DISPLAY DEVICE

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#### (57) ABSTRACT

A reader for communicating with both an eye-mountable device and a display device is provided. The reader can transmit radio frequency power to a tag that is part of the eye-mountable device. The reader can communicates with the tag using a first protocol. Communicating with the tag can include having the reader request data from the tag and receive the requested data from the tag. The reader can process the received data. The reader can store the processed data. The reader can communicates with the display device using a second protocol, where the first and second protocols can differ. Communicating with the display device can include having the reader transmit the stored data to the display device. The display device can receive the transmitted data, process the transmitted data, and generate one or more displays including the transmitted and/or processed data.

